

Documents

for

FOIA #EPA-R6-2014-001768



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

RECEIVED

OCT 28 2013

6EN-W

SUBJECT: Transmittal Memo - Compliance Monitoring Reports

FROM: Carol Peters-Wagnon, Chief *Carol Peters-Wagnon*
NPDES Municipal & Industrial Section (6EN-WM)

TO: Paulette Johnsey, Chief
NPDES Compliance Monitoring Section (6EN-WC)

A Compliance Evaluation Inspection was conducted on April 16, 2013 at the following location:

FACILITY NAME: Village of Taos Ski Valley WWTP

ADDRESS: 7 Firehouse Road
P.O. Box 100

CITY: Taos Ski Valley, New Mexico 87525

INSPECTOR: Kenneth L. AuBuchon

TYPE FACILITY: FEDERAL () MUNICIPAL (X) NON-MUNICIPAL ()

Compliance monitoring reports attached: (Check appropriate box)

NPDES #: NM0022101

(X) MAJOR () NOD () CSI () PAI () BIO
() MINOR (X) CEI () CSI-TOXICS () STORM WATER () PCI

COMMENTS:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code			NPDES										yr/mo/day				Inspec. Type		Inspector		Fac Type							
1	N	2	5	3	N	M	0	0	2	2	1	0	1	11	12	1	3	0	4	1	6	17	18	C	19	R	20	1
Remarks																												
Inspection Work Days				Facility Evaluation Rating				BI		QA		Reserved																
67				70				71		72		74										80						

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time /Date	Permit Effective Date
Village of Taos Ski Valley WWTP 38 Ocean Blvd. Taos Ski Valley, New Mexico 87525		~ 10:10 am / 04-16-2013	October 01, 2011
Taos County		Exit Time/Date	Permit Expiration Date
		~ 2:00 pm / 04-16-2013	September 30, 2016
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)			Other Facility Data
Anthony Martinez / Project Manager - CH2MHILL / 505-758-8401 fax 720-286-9933 Celsa Vigil / Lab Analyst - CH2MHILL / 575-758-8401 fax 575-758-3961			SIC Code: 4952 - Wastewater Treatment Facility
Name, Address of Responsible Official/Title/Phone and Fax Number			Receiving Stream:
Ray Keen / Public Works Director / 575-776-8220 fax 575-776-1145 7 Firehouse Road P.O. Box 100 Taos Ski Valley, New Mexico 87525			Rio Grande Basin (Segment 20.6.4.129)
Contacted			
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
S	Records/Reports	S	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention Plan
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	U	Storm Water	N	Other:

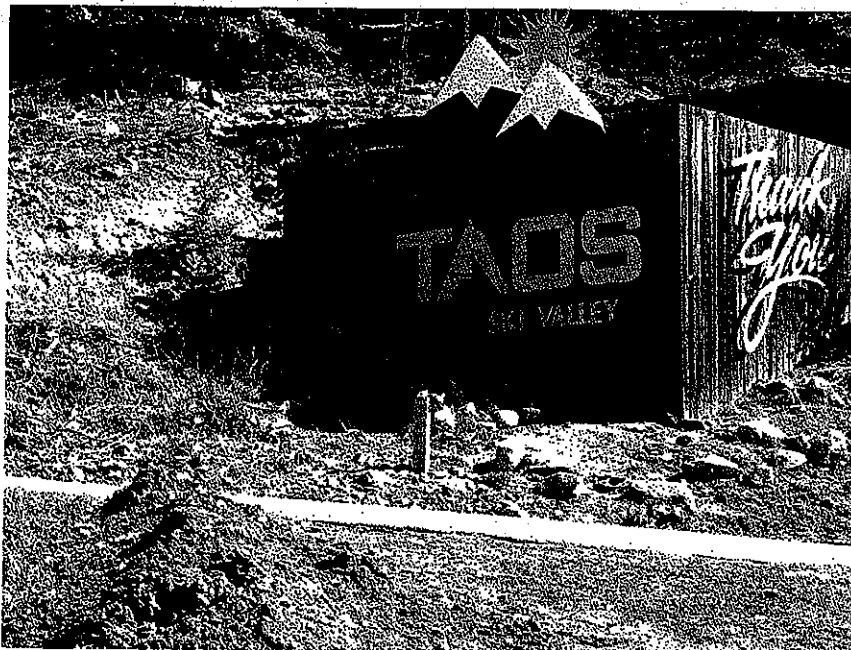
Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

Any areas of concern noted during the inspection will be addressed in the following report including inspection attachments and photographs.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
 Kenneth L. AuBuchon	USEPA/ GEN-WMH / (281) 983-2151 / fax (281) 983-2248	October 24, 2013
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date
 James H. Eng	USEPA/ GEN-ASH / (281) 983-2148 / fax (281) 983-2248	October 24, 2013

**Village of Taos Ski Valley
NM0022101**

NPDES Compliance Evaluation Inspection



Report Information

<u>Facility Name:</u>	Village of Taos Ski Valley WWTP
<u>Permit Number:</u>	NM0022101
<u>Physical Address:</u>	38 Ocean Blvd. Taos Ski Valley, New Mexico 87525
<u>Mailing Address:</u>	7 Firehouse Road P.O. Box 100 Taos Ski Valley, New Mexico 87525
<u>Facility County:</u>	Taos County
<u>Type of Facility:</u>	Municipal Wastewater Treatment Plant
<u>SIC Code:</u>	4952
<u>Receiving Stream:</u>	Rio Grande Basin (Segment 20.6.4.129)

Responsible Official:

Ray Keen	Public Works Director	(575) 776-8220 (575) 776-1145 fax
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Facility Personnel:

Olaf Mingo	Plant Operator	(575) 776-8846
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U.S. EPA Personnel:

Kenneth L. AuBuchon	Environmental Engineer (NPDES Inspector)	(281) 983-2151 (281) 983-2124 fax
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Introduction

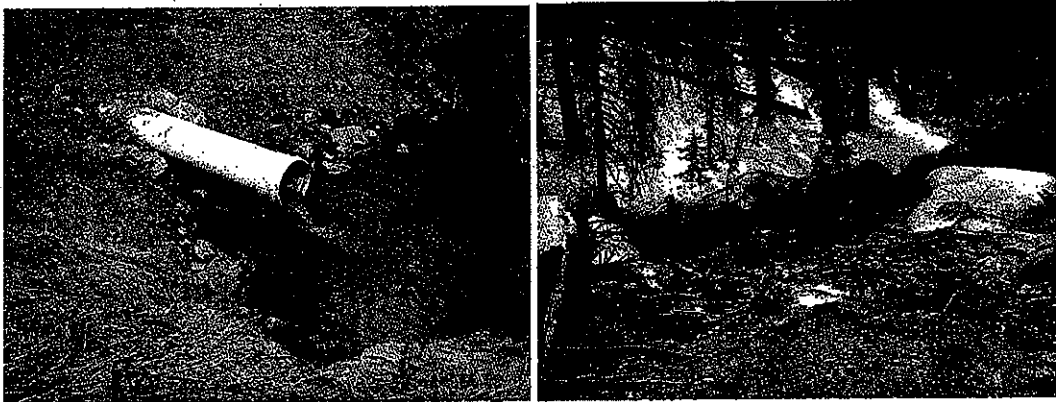
On April 16, 2013, I, Kenneth L. AuBuchon conducted a Compliance Evaluation Inspection (CEI) at the Village of Taos Ski Valley's WWTP in Taos Ski Valley, New Mexico. The inspection was conducted under the authority of the National Pollutant Discharge Elimination System (NPDES) permit program, in accordance with the Federal Clean Water Act. Upon entering the facility, credentials were presented to Mr. Ray Keen, the Public Works Director.

Before exiting the facility, an exit briefing was conducted to explain areas of concerns noted during the inspection that would be detailed in this report. This inspection report is based on information supplied by the Village of Taos Ski Valley representatives (the permittee), observations made by the U.S. EPA inspector, and records and reports maintained by the permittee, State of New Mexico, and U.S. EPA.

Facility Description

Domestic and restaurant wastewaters flow by gravity to the plant headworks. An influent Parshall flume measures the influent flow. Grit is removed with a screw pump and bagging system. Two covered in-ground equalization basins follow the headworks. The oldest equalization basin is concrete and has a capacity of 135,000 gallons. The newest is constructed of steel and has a capacity of 250,000 gallons. After the equalization basins, flow enters the main treatment building housing four (4) 25,000 gallon aeration basins operating in series. In the first basin a coagulant, Polyaluminum Chloride (PAC), is added to aid in the precipitation and removal of phosphorous. A volumetric dry feeder adds Soda Ash to normalize the pH. The second and third chambers are aeration basins that previously contained a floating layer of plastic media. Operators found that these floating media added to the generation of high volumes of solids in the treatment system that were difficult to manage due to the small size of the secondary clarifiers. The fourth basin is maintained in an anoxic condition for removal of Ammonia. After the four basins, flow passes through a splitter box into one of two secondary bioclarifiers. From

the bioclarifiers flow is pumped into two polishing filters run in parallel. After the polishing filters, flow passes through two ultraviolet disinfection units. Flow is discharged to the Rio Hondo shown below.



Areas of Concern

Concern: The sludge holding pad allows a direct contribution of storm water and snow melt from the pad into the sanitary sewer system. The objective of the sanitary sewer is to convey only the sanitary flow into treatment plants. Unintended infiltration and direct inflow (I/I) of storm water are extraneous flows and should be minimized as they reduce the available capacity to transport and treat wastewater.

